

REMARKS

In the above-noted Official Action, the Examiner rejected claims 1-5 and 7-10 under 35 U.S.C. §103(a) over COOPER et al. (U.S. Patent No. 5,995,140) in view of YAMASHITA et al. (U.S. Patent No. 5,808,693). In view of the herein-contained remarks, Applicants respectfully request reconsideration and withdrawal of each of the outstanding rejections, as well as an indication of the allowability of each of the claims now pending, in due course.

Applicants respectfully traverse the rejection of claims 1-5 and 7-10 under 35 U.S.C. §103(a) over COOPER in view of YAMASHITA.

Initially, Applicants would like to explain the present invention as recited in the claims of the instant application. According to the present invention, as recited in, for example, claim 1, a video output apparatus includes a plurality of video output sources. A selector selects a changeover target output source, indicated by a changeover instruction, from among the plurality of video output sources. A controller then turns ON power to the target video output source and turns OFF power to video output source to be changed, based on the changeover instruction. That is, the controller of the present invention functions to turn ON electrical power to the selected (e.g., target) video source, while turning OFF electrical power to the non-related video sources. Applicants submit that each of independent claims 7 and 9 recite features similar to the above-noted features recited in independent claim 1, and which are not disclosed or suggested in the applied references, either singularly or in the combination set forth by the Examiner.

In other words, Applicants submit that the video output apparatus includes at least a plurality of video output sources whose power can be controlled by a controller. A

changeover instruction is sent to the selector, which in turn uses the controller to power ON and/or OFF the appropriate video output sources. An exemplary embodiment of the above-noted features is shown in, for example, Figure 1.

In contrast to the recited invention, Applicants submit that COOPER discloses camera control codes that are sent to a switcher from a timing controller. The Examiner argues that "these camera control codes, given a reasonably broad interpretation, would be utilized by the (sic) skilled in the art to control the cameras through the switcher 220." However, Applicants submit that column 2, lines 55-62 of COOPER merely discloses that the video switcher 220 selects the video signal 500 from one of the cameras 301, 302, 303, or 304 to be the output video signal of the video controller 200 based upon the camera control codes from the timing control 210. Applicants submit that COOPER only teaches that the camera control codes are used to select the output video signal by sending a signal from the timing control 210 to the video controller 200, and that they are not any sort of input signal for the cameras. Further, Applicants note that a review of Figure 3 of COOPER discloses that signals only travel from the video cameras 301-304 to the video switcher 220. COOPER fails to disclose, or even suggest the exchange of any signal from the video switcher 220 to one (or more) of the video cameras 301-304. Accordingly, Applicants submit that the camera control codes of COOPER cannot influence the operations of cameras and cannot turn the power source of each camera ON or OFF.

The Examiner also argues that it would be obvious to those with ordinary skill in the art at the time the invention was made to modify the system of COOPER by providing the power consumption reduction methods of YAMASHITA. Applicants

respectfully traverse this assertion, and submit that YAMASHITA fails to disclose/suggest that which is lacking in COOPER. Applicants note that the power consumption methods of Yamashita involve a video display apparatus that selects one of a plurality of power saving modes based on a presence (or absence) of certain features of a video input signal (see column 2, line 55-58). Thus, YAMASHITA requires a video input signal to be received in the video display apparatus. The cameras 301-304 of COOPER do not receive a video input signal, nor any other type of signal from the video switcher 220. Thus, Applicants submit that using the information transmitted in the camera control codes, as in YAMASHITA, would not be sufficient to overcome the deficiencies in the system of COOPER, as the cameras would still have no input signal with which to base their presence or absence of certain features of a video input signal, and would therefore not know when to turn ON or OFF. Thus, even if one attempted to modify COOPER in view of YAMASHITA in the manner suggested by the Examiner, one would fail to arrive at the instant invention, in which a controller controls the electrical power supplied to a camera.

Applicants further submit that, while the above-noted remarks have been directed to the features explicitly recited in claim 1, claims 7 and 9 recite features generally similar to the above-noted features of claim 1. Accordingly, Applicants respectfully submit that each of independent claims 1, 7, and 9 are allowable, at least for the reasons set forth above. Additionally, Applicants respectfully submit that each of claims 2-5, 8, and 10 are allowable, at least for depending, directly or indirectly, from an allowable independent claim, as well as for additional reasons related to their own recitations.

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Accordingly, for all of the reasons noted above, Applicants respectfully request reconsideration and withdrawal of the rejection of claims 1-5 and 7-10 under 35 U.S.C. §103(a) over COOPER in view of YAMASHITA.

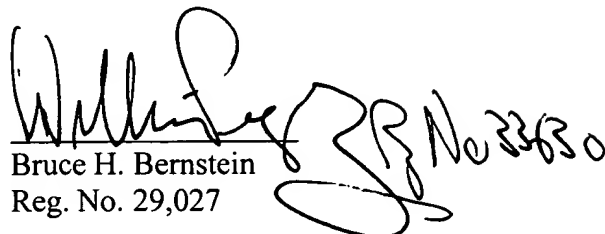
SUMMARY AND CONCLUSION

In view of the fact that none of the art of record, whether considered alone or in combination, discloses or suggests the present invention as defined by the claims, and in further view of the above remarks, reconsideration of the Examiner's action and allowance of the present application is respectfully requested and is believed to be appropriate.

Should the Commissioner determine that an extension of time is required in order to render this response timely and/or complete, a formal request for an extension of time, under 37 C.F.R. §1.136(a), is herewith made in an amount equal to the time period required to render this response timely and/or complete. The Commissioner is authorized to charge any required extension of time fee under 37 C.F.R. §1.17 to Deposit Account No. 19-0089.

If there should be any questions concerning this application, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,
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August 16, 2004
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